In re Application of: Toshio ARIYASU, et al.   Art Unit: 1646
Serial No.: 09/063,778   Examiner: C. KAUFMAN
Filed: April 22, 1998   Washington, D.C.
For: HEDGEHOG PROTEIN   Atty.'s Docket: ARIYASU=1
                                                      Date: January 10, 2001

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PATENT & TRADEMARK OFFICE

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THE COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
Sir:
Transmitted herewith is an [XX] Amendment [ ] _____
_____in the above-identified application.

[ ] Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
[ ] A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
[XX] No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1) Claims Remaining After Amendment		(Col. 2) Highest No. Previously Paid For	(Col. 3) Present Extra		Small Entity Rate	Additional Fee		Other Than a Small Entity Rate	Additional Fee
Total	5	Minus	22	0		x 9	$		x18	$
Indep.	2	Minus	3	0		x40	$		x80	$
First Presentation of Multiple Dependent Claim						135	$		+270	$
T O T A L A D D I T I O N A L C L A I M S F E E							$		Total	$

*   If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
**   If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

     The "Highest Number Previously Paid For" (total or independent) is the highest number found from the equivalent box in Col.1 of a prior amendment of the number of claims originally filed.

[XX] Conditional Petition for Extension of Time
      If any extension of time for a response is required applicant requests that this be considered a petition therefor.

[ ] It is hereby petitioned for an extension of time in accordance with 37 CFR 1.136(a). The appropriate fee required by 37 CFR 1.17 is calculated as shown below:
     Small Entity   Other Than Small Entity
     Response Filed Within   Response Filed Within
     [ ] First   - $ 55.00   [ ] First   - $ 110.00
     [ ] Second - $195.00   [ ] Second - $ 390.00
     [ ] Third   - $445.00   [ ] Third   - $ 890.00
     [ ] Fourth - $695.00   [ ] Fourth - $1390.00

     [ ] Less fees ($) already paid for   months extension of time on   .

[ ] Please charge my Deposit Account No. 02-4035 in the amount of $_____. A duplicate copy of this sheet is attached.
[ ] A check in the amount of $_____ is attached (check no.   ).
[ ] Credit Card Payment Form, PTO-2038, authorizing payment in the amount of $ is attached.
[XX] The Commissioner is hereby authorized and requested to charge any additional fees which may be required in connection with this application or credit any overpayment to Deposit Account No. 02-4035. This authorization and request is not limited to payment of all fees associated with this communication, including any Extension of time fee, not covered by check or specific authorization, but is also intended to include all fees for the presentation of extra claims under 37 CFR Section 1.16 and all patent processing fees under 37 CFR Section 1.17 throughout the prosecution of the case. This blanket authorization does not include patent issue fees under 37 CFR Section 1.18.

                                        BROWDY AND NEIMARK
                                        Attorneys for Applicant(s)

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ATTY.'S DOCKET: ARIYASU=16

In re Application of:)   Art Unit: 1646
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Toshio ARIYASU, et al.   )   Examiner: C. KAUFMAN
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For: HEDGEHOG PROTEIN   )

AMENDMENT

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

In response to the Office Action of October 10, 2000, please enter the following amendment:

IN THE CLAIMS

Please replace original claim 24 with new claim 24 as follows:

~~24~~. A purified human Desert hedgehog protein obtainable by expression of a DNA which comprises a 528-nucleotide sequence amplifiable ~~by~~ from a human cDNA polymerase chain reaction using a sense primer having the nucleotide sequence of SEQ ID NO:27 in combination with an antisense primer having the nucleotide sequence of SEQ ID NO:28 and which encodes a contiguous amino acid sequence which contains the amino acid residue Glu-155.